

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): Cosmetic or personal care composition comprising a thermoplastic elastomer which is a block copolymer comprising at least one nitroxide group derived from nitroxide mediated living free radical polymerization, a core polymer block ~~having a backbone comprising at least a proportion of C-C bonds comprised of monomers selected from acrylate esters, [[and]] two or more flanking polymer [[polymers]] blocks,~~ each flanking polymer block being covalently bound to an end of the core polymer block, wherein ~~the core polymer and/or at least one of the flanking polymers~~ core polymer or flanking polymer blocks is a random copolymer derived from two or more monomers; and a cosmetically acceptable diluent or carrier.

Claim 2 (original): Composition as claimed in Claim 1, wherein the core polymer has a Tg of from -100°C to 50°C.

Claim 3 (currently amended): Composition as claimed in Claim 1 ~~or claim 2~~, wherein the flanking polymers have a Tg of from 30°C to 150°C.

Claim 4 (currently amended): Composition as claimed in ~~any of the preceding claims~~ claim 1, wherein the block copolymer is linear or star-shaped.

Claim 5 (currently amended): Composition as claimed in ~~any of the preceding claims~~ claim 1, wherein the block copolymer is a linear ABA block copolymer.

Claim 6 (original): Composition as claimed in Claim 5, wherein the block copolymer has the structure $(AB)_2$ -Core, where A and B are polymeric blocks and Core is a non-polymeric linking core.

Claim 7 (currently amended) Composition as claimed in ~~any of the preceding claims~~ claim 1, wherein the block copolymer is soluble in a solvent selected from water, ethanol and mixtures thereof.

Claim 8 (currently amended): Composition as claimed in ~~any of the preceding claims~~ claim 1, wherein at least one of blocks A and B is a random block comprising two or more monomers, wherein at least one of the two or more monomers is hydrophilic and at least one of the two or more monomers is hydrophobic.

Claim 9 (original): Composition as claimed in Claim 8 wherein the absolute difference in log p values between the hydrophobic and hydrophilic monomers is preferably at least about 0.5.

Claim 10 (currently amended): Composition as claimed in ~~any of the preceding claims~~ claim 1, wherein the core polymer is a random copolymer of two or more different acrylate esters.

Claim 11 (currently amended): Composition as claimed in ~~any of the preceding claims~~ claim 1, wherein the core polymer is a polymer or copolymer of a (C1-C3 alkoxy)C1-C6 alkyl acrylate.

Claim 12 (original): Composition as claimed Claim 11, wherein the core polymer is a polymer or copolymer of (2-methoxyethyl) acrylate

Claim 13 (currently amended): Composition as claimed in ~~any of the preceding claims~~ claim 1, wherein the flanking polymers are random copolymers of an acrylamide with one or more other vinylic monomers.

Claim 14 (currently amended): Composition as claimed in ~~any of the preceding claims~~ claim 1, wherein the flanking polymers are polymers or copolymers of N,N-dimethyl acrylamide.

Claim 15 (currently amended): Composition as claimed in ~~any of the preceding claims~~ claim 1, which comprises from 0.1 to 10% by weight of the block copolymer.

Claim 16 (currently amended): Composition as claimed in ~~any of the preceding claims~~ claim 1, wherein the core polymer has a weight average molecular weight of from 20 kDa to 500 kDa.

Claim 17 (currently amended): Composition as claimed in ~~any of the preceding claims~~ claim 1, wherein the flanking polymers have a weight average molecular weight of from 200 Da to 50 kDa.

Claim 18 (currently amended): Composition as claimed in ~~any of the preceding claims~~ claim 1, wherein the molar ratio of the core polymer to the flanking polymers is from 1:10 to 10:1.

Claim 19 (currently amended): Composition as claimed in ~~any of the preceding claims~~ claim 1, wherein the block copolymer has a bond strength of at least 10 g at 40°C and 80% relative humidity.

Claim 20 (currently amended): Composition as claimed in ~~any of the preceding claims~~ claim 1, wherein the block copolymer has a bond strength of at least 15 g at 25°C and 80% relative humidity.

Claim 21 (currently amended): Composition as claimed in ~~any of the preceding claims~~ claim 1, wherein the polymer has a viscosity of less than 15 cp as determined for 5 wt% polymer in 50 vol % aqueous ethanol solution at 25°C using capillary viscometry and assuming a viscosity for deionised water of 1 mPas.

Claim 22 (currently amended): Composition as claimed in ~~any of the preceding claims~~ claim 1, wherein the block copolymer has a bond strength of at least 34 g at 25°C and 50% relative humidity and an elastic modulus of less than 0.45 Gpa.

Claim 23 (currently amended): Composition as claimed in ~~any of the preceding claims~~ claim 1, which further comprises a fragrance or perfume.

Claim 24 (currently amended): Composition as claimed in ~~any of the preceding claims~~ claim 1, which is a hairspray, mousse or gel for styling hair.

Claim 25 (original): Composition as claimed in claim 24, further comprising an additional hair styling polymer.

Claim 26 (currently amended): Composition as claimed in claim 24 ~~or claim 25~~, further comprising from 0.01% to 7.5% by weight of a surfactant.

Claim 27 (currently amended): Composition as claimed in ~~any one of claims 24 to 26~~ claim 24, further comprising up to 30% by weight of a propellant.

Claim 28 (currently amended): Composition as claimed in ~~any one of claims 24 to 27~~ claim 24 which is a hair styling cream or gel including from 0.01% to 10% by weight of a structurant or thickener.

Claim 29 (currently amended): A cosmetic method of treating hair which comprises the step of applying to the hair a composition according to any one of claims 1 to 28 comprising a thermoplastic elastomer which is a block copolymer comprising at least one nitroxide group derived from nitroxide mediated living free radical polymerization, a core polymer block comprised of monomers selected from acrylate esters, and two flanking polymer blocks, each flanking polymer block being covalently bound to an end of the core polymer block, wherein at least one of the core polymer or flanking polymer blocks is a random copolymer derived from two or more monomers; and a cosmetically acceptable diluent or carrier.

Claim 30 (original): Method as claimed in Claim 29, wherein the hair is human hair.

Claim 31 (canceled)